

U.S. Patent Application Serial No. 10/807,174
Amendment filed March 28, 2007
Reply to OA dated November 28, 2006

REMARKS

Claims 1-7 and new claim 8 are pending.

The specification support for the amendment to Claim 1 is as follows: p.14, lines 13-17 and Claim 8. The applicants respectfully submit that no new matter has been added. It is believed that this Amendment is fully responsive to the Office Action dated November 28, 2006.

Claims 1-7 are rejected under 35USC112, first paragraph, as failing to comply with the written description requirement. (Office Action, p.2)

Claim 1 was rejected on the bases that the mere absence of a positive recitation is not basis for exclusion. Claim 1 has now been amended to properly exclude polymetallosiloxane.

Claims 1-7 are rejected under 35USC112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. (Office Action, p.3)

Claim 1 has been amended to change the m integer is from 1-3 to 2- 3 so as to be consistent with the C/Si ratio as set forth in the claims.

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Claims 1-3, and 5-7 are rejected under 35USC103(a) as being unpatentable over JP2001-127152 (JP'152) in view of Rutherford et al (US6,318,124). (Office Action, p.3)

See below.

Claims 1-3, and 5-7 are rejected under 35USC103(a) as being unpatentable over Rutherford et al (US6,318,124) in view of JP2001-127152 (JP'152). (Office Action, p.5)

Neither Rutherford nor JP'152 disclose the claimed dissipating agent. The dissipating agent plays an important role, besides **forming pores**, to allow the silane compound to remain in the composition, that is, not to dissipate, so that carbon-silicon bonds derived from the silane compound are left in the formed low dielectric constant film to **provide chemical resistance** to the film. Page 5, lines 21-24, for example, explains:

It was found that a film obtained by adding a silicon compound having a silicon-carbon bond(s) in the skeletal chain (main chain) to a siloxane resin is given a nature of repelling chemicals such as alkali.

Otherwise, without the claimed agent, the silane compound will be dissipated. Fig. 1 of JP'152 clearly indicates the case, wherein the more the amount of polycarbosilane, the lower the dielectric constant - lower dielectric constant means higher porosity, that is, more dissipation of polycarbonate.

The claimed dissipating agent and its effect are nowhere disclosed or suggested in either of the references. As a result, it is respectfully requested that the rejections be reconsidered and withdrawn.

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Claim 4 is rejected under 35USC103(a) as being unpatentable over JP2001-127152 in view of Rutherford et al(US6,318,124) as applied to claim 1 above, further in view of JP64-009231 (JP'231).
(Office Action, p.4)

See below.

Claim 4 is rejected under 35USC103(a) as being unpatentable over Rutherford et al (US6,318,124) in view of JP2001-127152 as applied to claim 1 above, further in view of JP64-009231.
(Office Action, p.7)

In short JP'231 also nowhere discloses a dissipating agent, as discussed above. Without more, it is logically impossible for the combination of three references which nowhere disclose a dissipating agent to teach or suggest a dissipating agent. Therefore the rejection must fail.

It is respectfully requested that the rejection be withdrawn.

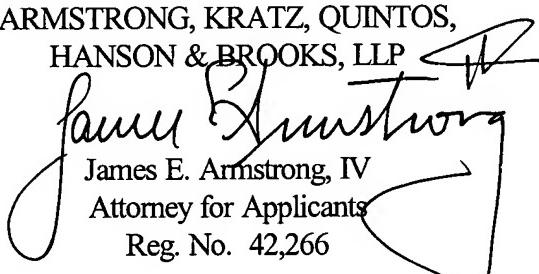
In view of the aforementioned amendments and accompanying remarks, claims 1-7, as amended, are in condition for allowance, which action, at an early date, is requested.

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If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact the applicants undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

In the event that this paper is not timely filed, the applicants respectfully petition for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper, to Deposit Account No. 01-2340.

Respectfully submitted,

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